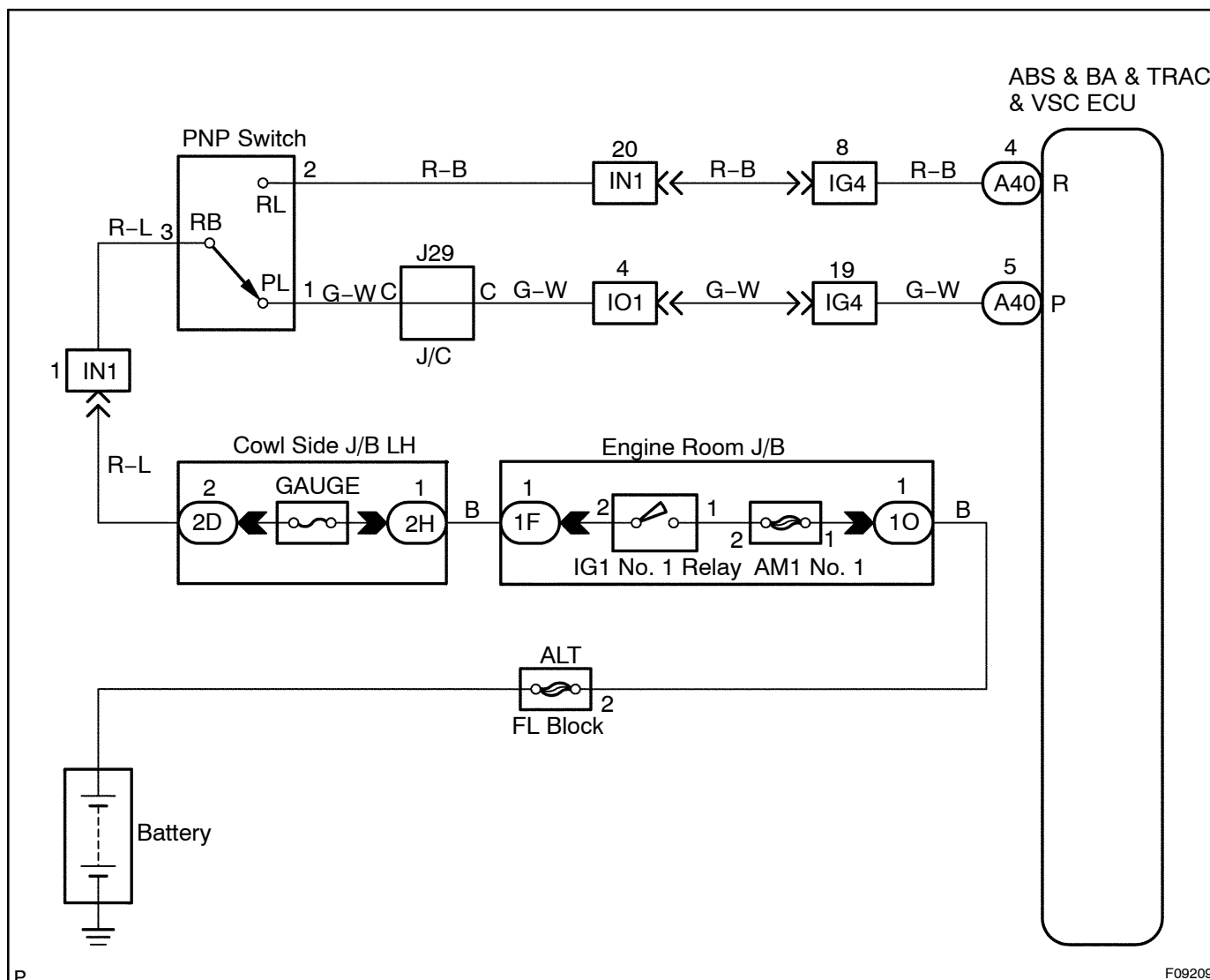


DTC	C1207 / 37	PNP Switch Circuit (P/R Position)
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CIRCUIT DESCRIPTION

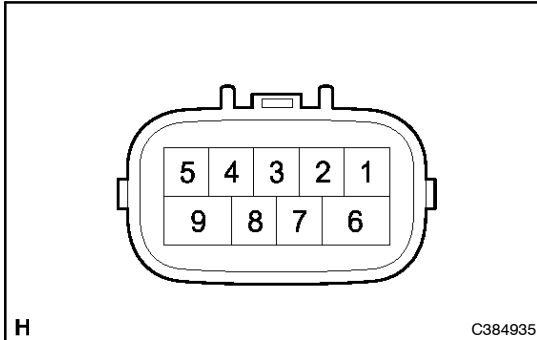
DTC No.	DTC Detection Condition	Trouble Area
C1207 / 37	When any of the following 1. through 3. is detected: - At vehicle speed of 15 km/h (9 mph) or less and the conditions that open circuit signal of P signal circuit of park/neutral position switch is ON and the voltage of IG1 terminal is 9.5 V to 17 V continue for 5 sec. or more. - At vehicle speed of 15 km/h (9 mph) or more, and when the condition that P signal from PNP switch is ON, and the the shift lever position information from the ECM is other than in P or N position continues for 60 sec. or more. - At vehicle speed of 15 km/h (9 mph) or less and the conditions that open circuit signal of P signal circuit of PNP switch is ON and the voltage of IG1 terminal is 9.5 V to 17 V continue for 5 sec. or more.	• PNP switch • PNP switch circuit (P/R position)

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check PNP switch (P/R position).



PREPARATION:

- (a) Jack up the vehicle.
- (b) Disconnect the PNP switch connector.

CHECK:

Check continuity between each terminal shown below when the shift lever is moved to each position.

OK:

P position	Terminals 1 – 3	Continuity
R position	Terminals 2 – 3	Continuity

NG

Replace PNP switch.

OK

2 Check for open and short circuit in harness and connector between terminals P and R of ABS & BA & TRAC & VSC ECU and battery (See page [IN-34](#)).

NG

Repair or replace harness or connector.

OK

Check and replace ABS & BA & TRAC & VSC ECU.